

Title (en)  
CONVECTION BASED TEMPERATURE ASSURED PACKAGING SYSTEM

Title (de)  
KONVEKTIONSBASIERTES TEMPERATURGESICHERTES VERPACKUNGSSYSTEM

Title (fr)  
SYSTÈME D'EMBALLAGE ASSURÉ PAR TEMPÉRATURE PAR CONVECTION

Publication  
**EP 3233648 A1 20171025 (EN)**

Application  
**EP 16765832 A 20160318**

Priority  
• US 201514661478 A 20150318  
• US 2016023163 W 20160318

Abstract (en)  
[origin: WO2016149627A1] A packaging system (70) for a temperature sensitive payload is provided. The system (70) comprises insulative panels, including side panels (78) and end panels (80), forming a product compartment (82). Cooling layers (28, 30) within the product compartment (82) are located below and above the payload (56). Channel members (84) affixed to the side panels (78) and/or the end panels (80) create spaces (90) and channels (91) for convective air movement.

IPC 8 full level  
**B65D 19/26** (2006.01); **B65D 19/38** (2006.01); **B65D 81/38** (2006.01)

CPC (source: EP)  
**B65D 19/06** (2013.01); **B65D 81/3823** (2013.01); **B65D 2519/00019** (2013.01); **B65D 2519/00029** (2013.01); **B65D 2519/00034** (2013.01); **B65D 2519/00044** (2013.01); **B65D 2519/00064** (2013.01); **B65D 2519/00099** (2013.01); **B65D 2519/00159** (2013.01); **B65D 2519/00174** (2013.01); **B65D 2519/00184** (2013.01); **B65D 2519/00194** (2013.01); **B65D 2519/00208** (2013.01); **B65D 2519/00218** (2013.01); **B65D 2519/00273** (2013.01); **B65D 2519/00293** (2013.01); **B65D 2519/00323** (2013.01); **B65D 2519/00333** (2013.01); **B65D 2519/00353** (2013.01); **B65D 2519/00502** (2013.01); **B65D 2519/00621** (2013.01); **B65D 2519/00666** (2013.01); **B65D 2519/00716** (2013.01)

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2016149627 A1 20160922**; AU 2016232755 A1 20170803; AU 2016232755 B2 20181115; AU 2016232755 C1 20190725; EP 3233648 A1 20171025; EP 3233648 A4 20181010; EP 3233648 B1 20190417; EP 3508434 A1 20190710; EP 3508434 B1 20220309; ES 2732775 T3 20191125; ES 2913001 T3 20220530; SG 11201706988V A 20170928

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**US 2016023163 W 20160318**; AU 2016232755 A 20160318; EP 16765832 A 20160318; EP 19159959 A 20160318; ES 16765832 T 20160318; ES 19159959 T 20160318; SG 11201706988V A 20160318